

WHAT IS CLAIMED IS:

1. An image sensing apparatus, comprising:

an image sensor that senses an image of a subject to obtain an image signal;

5 an image display device that is capable of displaying a sensed image based on said image signal obtained by said image sensor;

a display designating unit that designates whether or not said sensed image is displayed by said image display  
10 device when the image of the subject is sensed by said image sensor; and

a focus evaluating value obtaining device that obtains a focus evaluating value for adjusting a focus based on said image signal obtained by said image sensor, said focus  
15 evaluating value obtaining device obtaining said focus evaluating value based on an image signal which is obtained by said image sensor and corresponds to a part of a region of an display image displayed by said image display device, if said display designating unit does not designate that  
20 said sensed image is displayed by said image display device when the image of the subject is sensed by said image sensor.

2. The image sensing apparatus according to claim 1, wherein said part of the region of said display screen  
25 includes a focusing signed detecting area set in advance.

3. The image sensing apparatus according to claim 1,  
wherein said focus evaluating value obtaining device  
obtains said focus evaluating value based on an image signal  
which is obtained by said image sensor and corresponds to  
5 substantially entire region of an display image displayed  
by said image display device, if said display designating  
unit designates that said sensed image is displayed by said  
image display device when the image of the subject is sensed  
by said image sensor.

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4. The image sensing apparatus according to claim 1,  
wherein said focus evaluating value is obtained based on  
a high frequency component of an image signal obtained by  
said image sensor.

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5. The image sensing apparatus according to claim 1,  
further comprising:

a display prohibiting device that prohibits display  
of said sensed image by said image displaying device at  
20 least until photographing processing is completed if said  
display designation unit does not designate that said  
sensed image is displayed by said image display device when  
the image of the subject is sensed by said image sensor.

25 6. The image sensing apparatus according to claim 1,  
further comprising:

a focus adjusting device that adjusts a focus based on said focus evaluating value obtained by said focus evaluating value obtaining device.

5 7. The image sensing apparatus according to claim 1, wherein designation by said display designation unit is stored in a memory as an image display flag.

8. A control method of an image sensing apparatus,  
10 comprising:

an image sensing step that senses an image of a subject to obtain an image signal;

an image displaying step that is capable of displaying a sensed image based on said image signal obtained by said  
15 image sensing step;

a display designating step that designates whether or not said sensed image is displayed by said image displaying step when the image of the subject is sensed by said image sensing step; and

20 a focus evaluating value obtaining step that obtains a focus evaluating value for adjusting a focus based on said image signal obtained by said image sensing step, said focus evaluating value obtaining step obtaining said focus evaluating value based on an image signal which is obtained  
25 by said image sensing step and corresponds to a part of a region of an display image displayed by said image displaying step if said display designating step does not

designate that said sensed image is displayed by said image displaying step when the image of the subject is sensed by said image sensing step.

5 9. The control method of an image sensing apparatus according to claim 8, wherein said part of the region of said display screen includes a focusing signed detecting area set in advance.

10 10. The control method of an image sensing apparatus according to claim 8, wherein in said focus evaluating value obtaining step, said focus evaluating value is obtained based on an image signal which is obtained by said image sensing step and corresponds to substantially entire region  
15 of an display image displayed by said image display step if said display designating step designates that said sensed image is displayed by said image displaying step when the image of the subject is sensed by said image sensing step.

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11. The control method of an image sensing apparatus according to claim 8, wherein said focus evaluating value is obtained based on a high frequency component of an image signal obtained by said image sensing step.

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12. The control method of an image sensing apparatus according to claim 8, further comprising:

a display prohibiting step that prohibits display of  
said sensed image by said image displaying step at least  
until photographing processing is completed if said display  
designating step does not designate that said sensed image  
5 is displayed by said image displaying step when the image  
of the subject is sensed by said image sensing step.

13. The control method of an image sensing apparatus  
according to claim 8, further comprising:

10 a focus adjusting step that adjusts a focus based on  
said focus evaluating value obtained by said focus  
evaluating value obtaining step.

14. The control method of an image sensing apparatus  
15 according to claim 8, wherein designation by said display  
designation step is stored in a memory as an image display  
flag.

15. A storage medium in which a control program of an image  
20 sensing apparatus is stored, wherein

said control program comprises:

a code of an image sensing step that obtains an image  
signal by sensing an image of a subject;

a code of an image displaying step that is capable of  
25 displaying a sensed image based on said image signal  
obtained in said image sensing step;

a code of a display designating step that designates whether or not the sensed image is displayed by said image displaying step when an image of the subject is sensed by said image sensing step; and

- 5 a code of a focus evaluating value obtaining step that obtains a focus evaluating value for adjusting a focus based on said image signal obtained by said image sensing step, said focus evaluating value obtaining step obtaining said focus evaluating value based on an image signal which is  
10 obtained by said image sensing step and corresponds to a part of a region of an display image displayed by said image displaying step if said display designating step does not designate that said sensed image is displayed by said image displaying step when the image of the subject is sensed by  
15 said image sensing step.

16. The storage medium according to claim 15, wherein in said focus evaluating value obtaining step, said focus evaluating value is obtained based on an image signal which  
20 is obtained by said image sensing step and corresponds to substantially entire region of an display image displayed by said image display step if said display designating step designates that said sensed image is displayed by said image displaying step when the image of the subject is sensed by  
25 said image sensing step.

17. An image sensing apparatus, comprising:

an image sensor for sensing an image of a subject to output an image signal;

a display for displaying a sensed image based on said image signal;

- 5        a designation unit for designating whether or not said sensed image is displayed by said display when an image is sensed by said image sensor; and

a calculation unit for calculating a focus evaluating value for focus adjustment based on said image signal,

- 10        wherein said calculation unit calculates said focus evaluating value based on a part of said image signal if said designation unit designates not to display said sensed image.